"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

AUTHOR: Muratov, M.V. 5-5-2/6

TITLE: Problem of the Origin of Oceanic Depressions (Problema proiskhozhdeniya okeanicheskikh vpadin)

PERIODICAL: Byulleten' Moskovskogo Obshchestva Ispytateley Prirody, Otdel Geologicheskiy, 1957, No 5, pp 55-70 (USSR)

ABSTRACT: The main process of the Earth's crust development consists in the transformation of geosynclinal regions into plateaus and the expansion of the latter. The coast of the Pacific Ocean develops along the same line, although with some peculiarities. There are four large structural zones or belts in the Pacific part of the Earth's surface:
1. The belt of Mesozoic folding in China, Primor'ye, Verkhoyansk-Chukotka region, Alaska, Rocky Mountains and Mexico;
2. The belt of Cenozoic folding of the Pacific coast which surrounds the Ocean from New Guinea to the Antarctic coast through the Phillipines, Japan, California and the Andes;
3. The belt of island arcs bordering south-eastern Asia and Australia;
4. The flat internal part of the Pacific Ocean with separated ranges of underwater elevations.

Card 1/5 This distribution of the zones reflects a definite genetic re-

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gularity: The Pacific is surrounded by the folded structures of different age, beginning from the most recent island series, arising from the oceanic bottom, to the most ancient Mesozoic folded structures. The author adheres to the viewpoint of Stille as to the Pre-Cambrian origin of the Pacific Ocean depression. He draws the map of the Pacific indicating the thickness of the Earth's crust under it and stresses the fact that the crust, which is composed mainly of a thin basalt layer, thins out from the periphery to the central part. The island arcs are considered as the very beginning stages of the thickening of the Earth's crust, and the Pacific region is pointed out as an example of successive stages in the development of the crust from the stage of a pre-geosynclinal oceanic plate to the plateau belt of the Far East and North America, through the stages of island arcs and mountain ranges. The bottom of the central part of the Pacific Ocean is in the earliest stage of development which is characterized by almost complete absence of a granitic layer. The Indian and Atlantic Oceans present quite a different picture. Their oceanic depressions do not reflect any genetic connections with the surrounding coasts. There are signs of a superposition of these depressions on the structural elements of their coasts,

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completely different in their origin and age. The author holds that there are no sunken continental plateau massifs on the bottom of the Atlantic Ocean. Rejecting A. Wegener's hypothesis the author puts forward another hypothesis to explain the difference between the crust of the Atlantic Ocean bottom and continental crust. This hypothesis consists in the assumption that the material of the continental Earth's crust was smelted in the region of the oceanic bottom. Following Stille, the author calls the Pacific an ocean of primary origin; the Atlantic and Indian Oceans are secondary formations filling depressions of a superimposed origin. There are differences also in the character of oceanic bottom relief. While spacious areas with a flat bottom are characteristic for the Pacific Ocean, the Indian and Atlantic Oceans are characterized by bottoms which are divided into separate depressions or troughs. The author supposes that each trough represents an independent section of sinking of the oceanic bottom, like depressions of the intra-continental seas. In the case of the Pacific, however, there is the primary undisturbed surface of the thin Earth's crust which underlies the bottom of the ocean. Another characteristic of the relief of the Atlantic and Indian Ocean depressions is the pre-

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sence of a continental step or a continental slope on the periphery of these depressions. This slope separates the deep part of depressions from the shelf and is always characterized by a relatively steep angle. The author considers this slope as a gigantic flexure which shifts slowly and constantly towards the shelf. This shifting proceeds by means of a smooth bending of the Earth's crust surface and takes long spans of time. As an argument in favor of this hypothesis, the author adduces the existence of underwater canyons whose origin should be considered as caused by erosion and which could not arise otherwise if large oscillations of the world ocean level, of the order of 1,000 m, are excluded. The author holds that the graben of the Red Sea represents some beginning sinking in the way of formation of an oceanic depression of the secondary ocean type. The author concludes that two main processes have taken place in the development of the tectonic structure of the Earth's crust. The first of them results in the formation of a sialic crust. It is a geosynclinal process which leads to geosynclinal regions in places of the primary oceanic Earth's crust. The second process is a destruction of massifs which are made of the continental Earth's crust and the origination

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of the secondary oceanic depressions. This thalassogenetic process leads to redistribution of the substance of the Earth's crust and, probably, to its thickening under continental massifs at the expense of its thinning out under oceans. The development of plateaus, a geosynclinal process, reached its maximum by the end of the Paleozoic era. Beginning from the Mesozoic era the other, thalassogenetic, process of formation of secondary oceanic depressions proceeds side-by-side with the further development of geosynclinal systems. This second process progresses also at the present time and is manifested in the shifting of continental slopes and expansion of oceanic depressions. It can be observed in an embryonal state in the Red Sea and in the system of African grabens.

The article contains 3 maps, 1 figure and 30 references, 17 of which are Russian, one is French, 2 are German, and 10 are in English.

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, M.V.

AUTHOR: None Given 5-6-9/42

TITLE: Chronicle of the Activity of the Geologic Section (Khronika deyatel'nosti geologicheskoy sektsii)

PERIODICAL: Byulleten' Moskovskogo Obshchestva Ispytateley Prirody, Otdel Geologicheskiy, 1957, # 6, -- 115-118 (USSR)

ABSTRACT: The following reports were delivered in the Geologic Section from 1 March to 4 June 1957:

L.I. Krasnyy on the "Mongolian-Okhotsk Geosynclinal Region and Its Place in the Structure of Eastern Asia"; A.A. Bogdanov, M.V. Muratov and V. Ye. Khain on "Some Problems in Geology of Czechoslovakia According to Impressions from a Geological Excursion"; V.I. Samodurov on "Tectonics of the North-Eastern Region Near the Aral Sea"; V.S. Zhuravlev on"Tectonic Nature of Regional Gravitational Peaks of the Caspian Sineclise"; N.F. Balukhovskiy on the "Nature (Theory) of Geologic Cyclicity"; A.V. Solov'yev on "Genetic Types of Petroleum and Origination of Oil Deposits of North-Eastern Sakhalin"; G.I. Makarychev on "Stratigraphy of Proterozoic and Lower-Paleozoic Deposits of the Bol'shoy Karatau"; I.S. Chumakov on "New Data on the Geologic Structure of the Leninogorsk Depression in the Rudnyy Altai"; G.P. Leonov on "Principal Problems in the Stra-

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tigraphy of the Paleogene of the Russian Plateau"; S.V. Semikhatova on "Some Problems in the Stratigraphy of the Lower Part of the Lower-Carboniferous System"; S. Ye. Kolotukhina on "Facies of the Lower-Carboniferous System in the Karatau"; V. Ye. Khain, S.L. Afanas'yev, Yu. K. Burlin, Ye. A. Gofman, M.G. Lomize and V.G. Rikhter on "New Data on the Geology of the North-Western Caucasus", and B.P. Zhizhchenko on a "Draft of the Unified Stratigraphic Scheme of Paleogene and Neogene Deposits".

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

Muratov M.V.

BOGDANOV, A.A.; GAMKRELIDZE, P.D.; GORSKIY, I.I.; ZARIDZE, G.M.; KRASHENINNIKOV, G.F.; MURATOV, M.V.; RADKEVICH, Ye.A.; SOBOLEV, V.S.; KHAIN, V.Ye.; SHATALOV, Ye.T.

Visiting Czechoslovakian geologists. Vest.Mosk.un.Ser.biol., pochv., geol., geog. 12 no.2:3-27 '57. (MIRA 10:10)
(Czechoslovakia--Geology)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

BOGDANOV, A.A.; MURATOV, M.V.; KHAIN, V.Ye.

Brief review of the tectonics and the history of the development of the western Carpathians. Izv.vys. ucheb. zav.; geol. i razv. no.1:19-33 Ja '58. (MIRA 11:6)

1. Moskovskiy geologo-razvedochnyy institut im. S. Ordzhonikidze, kafedra istoricheskoy geologii, Moskovskiy gosudarstvennyy universitet, kafedra istoricheskoy geologii i Muzey zemlevedeniya.
(Carpathian Mountains--Geology)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MIKLUKHO-MAKLAY, A.D.; MURATOV, M.V.

Carboniferous and Permian rocks in the Crimean Mountains.
Izv. vys. ucheb. zav.; geol. i razv. 1 no.8:30-35 Ag '58.
(MIRA 12:9)

1. Leningradskiy gosudarstvennyy universitet im. A.A. Zhdanova, i Moskovskiy geologorazvedochnyy institut im. S. Ordzhonikidze, Kafedra istoricheskoy geologii.
(Crimean Mountains--Petrology)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

SOV/5-33-1-22/25

AUTHORS: Arkhipov, I.V., Muratov, M.V., Uspenskaya, Ye.A. and Tseysler, V.M.

TITLE: New Data on the Geology of the Upper Crimea (Novyye dannyye po geologii Gornogo Kryma)

PERIODICAL: Byulleten Moskovskogo obshchestva ispytateley prirody, Otdel geologicheskiy, 1958, Vol 33, Nr 1, p 156 (USSR)

ABSTRACT: The authors sum up the report read on 26 November 1957 in the geological section of the Moscow Society of Naturalists. The elevation of the south western part of the Upper (Gornyy) Crimea occurred before the Cretaceous period, and it was subjected to a deep erosive process. The eroded relief was then submerged by the sea and filled with argillaceous sediments of the Valangian stage. Before the Aptian stage the elevation reoccurred, succeeded by a new submersion and Aptian rocks occur in the depressed parts. The Middle- and Upper Albian deposits occurring in the base of the Upper Cretaceous complex also bear traces of erosion.

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

SOV/49-59-4-4/20

AUTHORS: Levitskaya, A. Ya. and Muratov, M. V.

TITLE: On The Relationship Between The Tectonic Structures of The Black Sea Depression and Surrounding Regions (O svyazi seysmichnosti s tektonicheskoy strukturoy chernomorskoy vpadiny i okruzhayushchikh yeye oblastey)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geofizicheskaya, 1959, Nr 4, pp 538-546 and 1 map (USSR)

ABSTRACT: An account of the tectonic structures is given, which is based on the chart Fig 1 , which shows the seismic characteristics of the area. The chart was compiled from the data covering the period from 1912 to the first quarter of 1957. It gives the following information: I - intensity of earthquakes: 1 - $7.5 \leqslant M$, first category; 2 - $6.5 \leqslant M \leqslant 7.5$, second category; 3 - $5.25 \leqslant M \leqslant 6.5$, third category; 4 - $4.25 \leqslant M \leqslant 5$, fourth category.
II - Accuracy of determination of epicentres: 5 - error not > 25 km, Class A; 6 - error not > 50 km, Class 5; 7 - error not > 100 km, unclassified.
III - Depth of focus: 8 - focus in the earth's crust, 9 - focus below the crust, 10 - seismic stations.
IV - 11 - Alpine geosynclinic area, synclinic zones and wings of anticlinorium, 12 - anticlinorium; 13 - nuclei of

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On the Relationship Between the Tectonic Structures of the Black Sea Depression and Surrounding Regions

meganticlinorium of the Caucasus and E. Carpathians; 14 - Lydia-Caria, Galatia, Dzyrul massifs; 15 - Neogen depressions; 16 - Scythian platform; 17 - uplifts; 18 - bordering depressions; 19 - Russian platform; 20 - Cis-Dobrudja Depression; 21 - main faults; 22 - boundary of Russian platform; 23 - anticlynes.

The whole area could be divided into four characteristic regions: the depression of the Black Sea, the area extending from the Caucasus to the Balkans, the Northern territories bordering the Russian plains, and the Carpathian mountains. Analysis has shown that the most active region is that belonging to the second group. Next to it in activity is the

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On the Relationship Between the Tectonic Structures of the Black Sea Depression and Surrounding Regions

region of the Carpathians while the remaining two groups are comparatively quiet. A detailed description of the area is based on the references (1-31). There is 1 figure and there are 31 references, of which 22 are Soviet, 1 French (Rumanian), 4 French, 1 Rumanian, 2 English, 1 German.

ASSOCIATION: Akademiya nauk SSSR, Institut fiziki Zemli, Geologicheskiy institut (Academy of Sciences USSR, Institute of Physics of the Earth, Geological Institute)

SUBMITTED: May 26, 1958.

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

3(5) SOV/11-59-5-2/14

AUTHORS: Kizeval'ter, D.S. and Muratov M.V.

TITLE: The Protracted Development of Geosynclinal Folded Structures of the Eastern Part of the Gornyy Krym. (Dlitel'noye razvitiye geosinklinal'nykh skladchatykh struktur vostochnoy chasti Gornogo Kryma.)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, 1959, Nr 5, pp 16-34 (USSR)

ABSTRACT: Academician N.S. Shatskiy, has proved the existence of a protracted development of folding structures of the Donets Basin, as did V.I. Popov, for Central Asia. Now the author shows, using the structures of the eastern part of the Crimean mountains as an example that a protracted fold formation is the basic process in folded structure formation . Phases of folding, showing non-conformity, are not connected with folding processes but are the result of either elevation or sinking of the earth's crust. The Sudak synclinorium is composed of a continuous

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

The Protracted Development of Geosynclinal Folded Structures of the Eastern Part of the Gornyy Krym.

complex of deposits stretching in time from the Bathonian up to the Tithonian stages. The East Crimean synclinorium is also composed of rock, a continuous folding formation of which stretched from the Kimmeridgian up to the Paleogene stage. A detailed study of all formations showes the protracted process of linear type folding, according to V.V. Belousov. The following geologists are cited by the author: V.Ye. Khain, G.I. Nemkov, I.V. Arkhipov, M.V. Mikhaylova, Ye.A. Uspenskaya, M.V. Muratov, V.D. Sokolov, N.A. Preobrazhenskiy, A.V. Peyve, and D.S. Kizel'vater. There are 6 maps 6 profiles and 13 Soviet references.

ASSOCIATION: Moskovskiy geologorazvedochnyy institut. (The Moscow Geologic Prospecting Institute).

SUBMITTED: July 28 1958

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APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

BOGDANOV, A.A.; GORSKIY, I.I.; MURATOV, M.V.

Session on a tectonic map and a coal deposit map of Europe held in Paris, France, March 14-25, 1959. Sov. geol. 2 no.6:142-145 Je '59. (MIRA 12:12)

1.Akademiya nauk SSSR, Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova i Moskovskiy geologorazvedochnyy institut im. S. Ordzhonikidze.
(Europe--Geology, Structural--Maps)
(Coal geology--Maps)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, M.V.

Stratigraphy of Triassic and lower Jurassic sediments in the Crimea. Izv.vys.ucheb.zav.; geol.i razv. 2 no.11: 31-41 N '59. (MIRA 13:6)

1. Moskovskiy geologorazvedochnyy institut im. S.Ordzhonikidze.
(Crimea--Geology, Stratigraphic)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, Mikhail Vladimirovich; SOKOLOV, D.S., red.; PANOVA, A.I., red. izd-va; IVANOVA, A.G., tekhn.red.

[Outline of the geology of the Crimean Peninsula] Kratkii ocherk geologicheskogo stroeniia Krymskogo poluostrova. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po geologii i okhrane nedr, 1960. 206 p. (MIRA 13:10)

(Crimea--Geology)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, M.V., prof.

Geological past of the Crimea and the Black Sea. Priroda no.6:57-64 Je '60. (MIRA 13:6)
(Black Sea region--Geology)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, M.V.; ABKHIPOV, I.V.; USPENSKAYA, Ye.A.

Stratigraphy, facies and formations of Jurassic sediments in the Crimea. Biul.MOIP.Otd.geol. 35 no.1:87-97 Ja-F '60. (MIRA 13:7)
(Crimea--Sediments(Geology))

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, M.V.

Comparing the Quaternary history of the Black Sea region with that of the Mediterranean. Biul. MOIP. Otd. geol. 35 no.5:107-123 S-O '60. (MIRA 14:1)

(Black Sea region—Geology)
(Mediterranean region—Geology)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

LEVITES, Yakov Moiseyevich; MURATOV, M.V., red.; SAMARCHYAN, L.M., red. izd-va; BYKOVA, V.V., tekhn. red.

[Historical geology together with the principles of the paleontology and geology of the U.S.S.R.] Istoricheskaia geologiia s osnovami paleontologii i geologii SSSR. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr, 1961. 295 p. (MIRA 15:1)

(Geology)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

GORZHEVSKIY, D.I.; MURATOV, M.V.

History of the tectonic development of the Rudnyy Altai in the Paleozoic. Sov.geol. 4 no.11:86-108 N '61. (MIRA 14:11)

1. L'vovskiy gosudarstvennyy universitet imeni I.Franko i Moskovskiy geologorazvedochnyy institut imeni S.Ordzhonikidze.
(Altai Mountains--Geology, Structural)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, M.V.

Tectonic pattern and position of Iceland. Izv. vys. ucheb. zav.; geol. i razv. 4 no.12:16-29 D '61. (MIRA 15:2)

1. Moskovskiy geologorazvedochnyy institut imeni S. Ordzhonikidze.
(Iceland—Geology, Structural)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, M.V.; ARKHIPOV, I.V.

Tectonic position of the Pamirs in the system if folded mountain structures in Southwestern and Central Asia. Biul.MOIP, Otd.geol. 36 no.4:97-121 Jl-Ag '61. (MIRA 14:9)
(Asia--Geology, Structural)
(Asia--Mountains)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

VOLKOVA, I.B.; MALIVKIN, D.V.; SLATVINSKAYA, Ye.A.; BOGOMAZOV, V.M.; GAVRILOVA, O.I.; GUREVICH, A.B.; MUDROV, A.M.; NIKOL'SKIY, V.M.; OSHURKOVA, M.V.; PETRENKO, A.A.; POGREBITSKIY, Ye.O.; RITENBERG, M.I.; BOCHKOVSKIY, F.A.; KIM, N.G.; LUSHCHIKHIN, G.M.; LYUBER, A.A.; MAKEDONTSOV, A.V.; SENDERZON, E.M.; SINITSYN, V.M.; SHORIN, V.P.; BELYANKIN, L.F.; VAL'TS, I.E.; VLASOV, V.M.; ISHINA, T.A.; KONIVETS, V.I.; MARKOVICH, Ye.M.; MOKRINSKIY, V.V.; PROSVIRYAKOVA, Z.P.; RADCHENKO, O.A.; SEMERIKOV, A.A.; FADDEYEVA, Z.I.; BUTOVA, Ye.P.; VERBITSKAYA, Z.I.; DZENS-LITOVSKAYA, O.A.; DUBAR', G.P.; IVANOV, N.V.; KARPOV, N.F.; KOLESNIKOV, Ch.M.; NEFED'YEV, L.P.; POPOV, G.G.; SHTEMPEL', B.M.; KIRYUKOV, V.V.; LAVROV, V.V.; SAL'NIKOV, B.A.; MONAKHOVA, L.P.[deceased]; MURATOV, M.V.; GORSKIY, I.I., glav. red.; GUSEV, A.I., red.; MOLCHANOV, I.I., red.; TYZHNOV, A.V., red.; SHABAROV, N.V., red.; YAVORSKIY, V.I., red.; REYKHERT, L.A., red.izd-va; ZAMARAYEVA, R.A., tekhn. red

[Atlas of maps of coal deposits of the U.S.S.R.]Atlas kart uglenakopleniia na territorii SSSR. Glav. red. I.I.Gorskii. Zam. glav. red. V.V.Mokrinskii. Chleny red. kollegii: F.A.Bochkovskiy i dr. Moskva, Izd-vo Akad. nauk SSSR, 1962. 17 p.
(MIRA 16:3)

1. Akademiya nauk SSSR. Laboratoriya geologii uglya. 2. Chlen-korrespondent Akademii nauk SSSR (for Muratov).
(Coal geology--Maps)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, M.V.

Tectonic development of the alpine folded area in southeastern Europe and Asia Minor. Izv.AN SSSR. Ser.geol.27 no.2:3-24 F '62. (MIRA 15:1)

1. Geologicheskiy institut AN SSSR, Moskva.
(Europe--Geology, Structural)
(Asia Minor--Geology, Structural)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, M.V.

Main types of geosynclinal troughs in the alpine folded region.
Dokl. AN SSSR 147 no.5:1151-1153 D '62. (MIRA 16:2)

1. Predstavleno akademikom A.L. Yanshinym.
(Geology, Structural)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, M.V.

Types of geosyncline troughs in the Alpine fold area and their interrelationships and development. Trudy GIN no.92:132-146 '63.
(MIRA 17:10)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, M.V.

Structural complexes and stages in the development of geosyclinal fold areas. Izv. AN SSSR Ser.geol. 28 no.6:3-23 Je '63. (MIRA 16:8)

1. Geologicheskiy institut AN SSSR, Moskva.
(Folds (Geology))

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

KOLOTUKHINA, Sof'ya Yevgen'yevna; PERVUKHINA, Ada Yevgen'yevna; ROZH'ANETS, Anna Vsevolodovna; MURATOV, M.V., retsenzent; KROPOTKIN, P.N., retsenzent; VLASOV, K.A., glav. red.; LEONT'YEV, L.N., doktor geol.-miner. nauk, otv. red.

[Geology of rare element deposits in Africa and their economic significance] Geologiia mestorozhdenii redkikh elementov Afriki i ikh ekonomicheskoe znachenie. Moskva, Nauka, 1964. 303 p. (MIRA 17:8)

1. Chlen-korrespondent AN SSSR (for Vlasov).

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

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MILANOVSKIY, Yevgeniy, Yevgen'yevich; KHAIN, Viktor Yefimovich; MURATOV, M.V., red.; FADDEYEVA, I.I., red.; MUKHINA, L.V., tekhn.red.

[Geology of the Caucasus.] Geologicheskoe stroenie Kavkaza. [Moskva] Izd-vo Mosk. univ., 1963. 355 p. (Ocherki regional'noi gelologii SSSR, no.8). (MIRA 16:9)

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BELOUSOV, V.V., red.; BELYAYEVSKIY, N.A., red.; BOGDANOV, A.A., red.; GARETSKIY, R.G., red.; GUBIN, I.Ye., red.; K KROPOTKIN, P.N., red.; LEYTES, A.M., red.; MAZAROVICH, O.A., red.; MURATOV, M.V., red.; NIKOLAYEV, N.I., red.; PAVLOVSKIY, Ye.V., red.; PEYVE, A.V., red.; PETRUSHEVSKIY, B.A., red.; PUSHCHAROVSKIY, Yu.M., red.; SHEYNMANN, Yu.M., red.; SMIRNOV, N.A., red.; YANSHIN, A.L., red.

[Problems of the comparative tectonics of ancient platforms; materials] Voprosy sravnitel'noi tektoniki drevnikh platrofm; materialy. Moskva, Nauka, 1964. 152 p. (MIRA 17:8)

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BELYAYEVSKIY, N.A., otv. red.; LEYTES, A.M., otv. red.; SHEYNMANN, Yu.M., otv. red.; BELOUSOV, V.V., red.; BOGDANOV, A.A., red.; GARETSKIY, R.G., red.; GUBIN, I.Ye., red.; KROPOTKIN, P.N., red.; SHTREYS, N.A. red.; MAZAROVICH, O.A., red.; MURATOV, M.V., red.; NIKOLAYEV, N.I., red.; PAVLOVSKIY, Ye.V., red.; PEYVE, A.V., red.; PETRUSHEVSKIY, B.A., red.; PUSHCHAROVSKIY, Yu.M., red.; YANSHIN, A.L., red.

[Tectonics, igneous activity and distribution of ore deposits; materials] Tektonika, magmatizm i zakonomernosti razmeshcheniia rudnykh mestorozhdenii; materialy. Moskva, Nauka, 1964. 237 p. (MIRA 17:8)

1. Soveshchaniye po problemam tektoniki, Moscow, 1963.

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MURATOV, M.V., otv. red.; BELYAYEVSKIY, N.A., red.; GAMKRELIDZE, P.D., red.; MILANOVSKIY, Ye.Ye., red.; KHAIN, V.Ye., red.; TSEYSLER, V.M., red.

[Himalayan and Alpine orogenesis] Gimalaiskii i Al'piiskii orogenez. Moskva, Nedra, 1964. 331 p. (Vezhdunarodnyi geologicheskii kongress, 22d session. Doklady sovetskikh geologov, problema 11) (MIRA 17:6)

1. Natsional'nyy komitet geologov Sovetskogo Soyuza.

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MURATOV, M.V., otv. red.; PUSHCHAROVSKIY, Yu.M., red.; KHAIN, V.Ye., red.; MAZAROVICH, O.A., red.; BELOUSOV, V.V., red.; BELYAYEVSKIY, N.A., red.; BOGDANOV, A.A., red.; GARETSKIY, R.G., red.; GUBIN, I.Ye., red.; KROPOTKIN, P.N., red.; LEYTES, A.M., red.; NIKOLAYEV, N.I., red.; PAVLOVSKIY, Ye.V., red.; PEYVE, A.V., red.; PETRUSHEVSKIY, B.A., red.; SHEYNMANN, Yu.M., red.; SHTREYS, N.A., red.; YANSHIN, A.L., red.

[Folded areas of Eurasia; materials] Skadchatye oblasti Evrazii; materialy. Moskva, Nauka, 1964. 375 p. (MIRA 17:11)

1. Soveshchaniye po problemam tektoniki. Moscow, 1963.

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MURATOV, M.V.

Cimmerian paleogeography of the Middle Pliocene in the Black Sea-Caspian Basin. Lit. i pol. iskop. no.4:3-20 Jl-Ag '64. (MIRA 17:11)

1. Geologicheskiy institut AN SSSR, Moskva.

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MURATOV, M.V.

Tectonics of the Indian Platform and its developmental comparison with the East European Plain. Izv. AN SSSR. Ser. geol. 29 no.10: 10-29 O '64. (MIRA 17:11)

1. Geologicheskiy institut AN SSSR, Moskva.

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GARETSKIY, R.G., otv. red.; YANSHIN, A.L. akademik, otv. red.; BELOUSOV, V.V., red.; BELYAYEVSKIY, N.A., red.; BOGDANOV, A.A., red.; GUBIN, I.Ye., red.; KROPOTKIN, P.N., red.; LEYTES, A.M., red.; MAZAROVICH, O.A., red.; MURATOV, M.V., red.; NIKOLAYEV, N.I., red.; PAVLOVSKIY, Ye.V., red.; PEYVE, A.V., red.; PETRUSHEVSKIY, B.A., red.; PUSHCHAROVSKIY, Yu.M., red.; SHEYNMANN, Yu.M., red.; SHTREYS, N.A., red.

[Young platforms, their tectonics, and prospects for finding oil and gas; materials] Molodye platformy, ikh tektonika i perspektivy neftegazonosnosti; materialy. Moskva, Nauka, 1965. 223 p. (MIRA 18:3)

1. Soveshchaniye po problemam tektoniki, Moscow, 1963.

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MURATOV, M.V., red.; SVET, Ya.M., red.

[Tectonics of the Alpine area] Tektonika Al'piiskoi oblasti; sbornik statei. Moskva, Mir, 1965. 341 p.
(MIRA 18:7)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, M.V.

Main periods of folding and megastages in crustal development. Geotektonika no.1:6-29 Ja-F '65. (MIRA 18:5)

1. Geologicheskiy institut AN SSSR.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

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MURATOV, M.V.

Upper Quaternary (Wurmian) mollusk fauna on the bottom of the Mediterranean Sea. Biul. MOIP. Otd. geol. 39 no.2:114-115 Mr-Ap '64. (MIRA 19:1)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

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MURATOV, M.V.

Folded geosynclinal belts of Eurasia. Geotektonika no.6:3-18 N-D '65. (MIRA 19:1)

1. Geologicheskiy institut AN SSSR. Submitted June 1, 1965.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

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BICH, Ya.A., kand. tekhn. nauk; MURATOV, N.A.; BLISHCHENKO, S.M.; YENDAL'TSEV, B.M.

Rock bumps and efforts to control them in mines of the Suchan deposit. Ugol' 39 no.5:64-67 My '64. (MIRA 17:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy marksheyderskiy institut (for Bich). 2. Shakhta No.21 Suchanskogo mestorozhdeniya (for Muratov). 3. Trest Suchanugol' (for Blishchenko). 4. Shakhta No.10/16 Suchanskogo mestorozhdeniya (for Yendal'tsev).

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MURATOV, N.I.

Changes in the cerebrospinal fluid under the influence of subarachnoidal instillation of penicillin. Zhur. ush., nos. i gorl. bol. 20 no. 3:61-63 My-Je '60. (MIRA 14:4)

1. Iz kliniki bolezney ukha, gorla i nosa (zav. - prof. V.K. Suprunov) Kubanskogo meditsinskogo instituta.
(CEREBROSPINAL FLUID) (PENICILLIN)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, N.V.

Nikolai Sergeevich Shatskii; obituary. Izv. vys. ucheb. zav.; geol. i razv. no.11:3-8 N '60. (MIRA 14:2)
(Shatskii, Nikolai Sergeevich, 1895-1960) (Geology)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, N.V., inzh. (Alma-Ata)

Basin snow-water irrigation using wide strips. Gidr. i mel. 16
no.9:22-25 S '64 (MIRA 17:11)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, Nikolay Vasil'yevich, inzh.-gidromeliorator; ORLOVSKAYA,A., red.

[Basin snow-water irrigation on wide strips; basic calculations] Limannoe oroshenie po shirokim polosam; osnovnye raschety. Alma-Ata, Kainar, 1964. 53 p. (MIRA 18:11)

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MURATOV, O.V., inzh.; VAYNBERG, B.G., inzh.; LASKER, Ya.N., inzh.

New refrigerating plant for milk cooling. Khol. tekh. 39 no.5:17-19 S-O '62. (MIRA 16:7)

1. Odesskiy zavod kholodil'nogo mashinostroyeniya.
(Refrigeration and refrigerating machinery)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, P.

Alternating current rushes trains. NTO 6 no.2:27-30 F '64.
(MIRA 17:4)

1. Predsedatel' TSentral'nogo pravleniya nauchno-tekhnicheskogo obshchestva zheleznodorozhnogo transporta.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

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MURATOV, P. B.

MURATOV, P. B.: "Investigation of flexible rubber clutches." Min Higher Education USSR. Novocherkassk Polytechnic Inst imeni S. Ordzhonikidze. Novocherdassk, 1956.
(Dissertation for the degree of doctor in Technical Sciences)

SO: Knizhnaya Letopis', No 36, 1956, Moscow.

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, P. G.

"The Effect of Scale and Coal Dust on the Slipping of a Steam Locomotive at Low Temperatures." Cand Tech Sci, Tomsk Order of Labor Red Banner Polytechnic Inst imeni S. M. Kirov, Min Higher Education USSR, Novosibirsk, 1955. (KL, No 17, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, P.G.

Immediate tasks in preparing locomotives for winter. Elek.i tepl.tiaga no.9:1-3 S '57. (MIRA 10:10)

1. Nachal'nik Glavnogo upravleniya lokomotivnogo khozyaystva Ministerstva putey soobshcheniya.
(Locomotives)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

Muratov P G

MURATOV, P.G.; SEREDIN, A.I., inzh.

Development of the locomotive industry during the years of Soviet power. Zhel.dor.transp. 39 no.11:39-45 N '57. (MIRA 10:10)

1.Nachal'nik Glavnogo upravleniya lokomotivnogo khozyaystva Ministerstva putey soobshcheniya (for Muratov).
(Locomotives)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, P.G.; TARASOV, G.F.

Improved organization for repairing electric and diesel locomotives. Elek. i tepl. tiaga 2 no.9:1-4 S '58. (MIRA 11:10)

1. Nachal'nik Glavnogo upravleniya lokomotivnogo khozyaystva Ministerstva putey soobshcheniya (for Muratov). 2. Glavnyy inzhener Glavnogo upravleniya lokomotivnogo khozyaystva Ministerstva putey soobshcheniya (for Tarasov).
(Locomotives--Maintenance and repair)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, P.G.

All strength and energy towards the fulfilment of the decisions of the June Plenum of the Central Committee of the CPSU. Elek.t tepl.tiaga 3 no.8:1-6 Ag '59.
(MIRA 12:12)

1. Zamestitel' ministra putey soobshcheniya.
(Railroads--Electrification)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, P.G.

Principal results of the past year and our goals in 1961. Elek. i tepl. tiaga no.1:3-7 Ja '61. (MIRA 14:3)

1. Zamestitel' ministra putey soobshcheniya SSSR.
(Railroads—Electrification)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, P.G.

Following the path of technological progress. Elek.i tepl. tiaga 5 no.9:2-7 S '61. (MIRA 14:10)

1. Zamestitel' ministra putey soobshcheniya SSSR.
(Railroads)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, P.G.

Improving the utilization of locomotives on lengthened haul distances. Zhel.dor.transp. 43 no.8:8-13 Ag '61. (MIRA 14:8)

1. Zamestitel' ministra putey soobshcheniya.
(Locomotives--Maintenance and repair)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, P.G.

Some results of the previous year and our current objectives.
Elek.i tepl.tiaga 7 no.1:1-6 Ja '63. (MIRA 16:2)

1. Zamestitel' ministra putey soobshcheniya SSSR.
(Electric locomotives) (Diesel locomotives)

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MURATOV, P.G.

Locomotives of the Swedish railroads. Zhel. dor. transp. 45 no.6:86-92 Je '63. (MIRA 16:7)

1. Zamestitel' ministra putey soobshcheniya SSSR.
(Sweden—Locomotives)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, P.G.

International technical collaboration in the field of railroad electrification. Zhel. dor. transp. 47 no.9:6-11 S '65. (MIRA 18:9)

1. Zamestitel' ministra putey soobshcheniya SSSR.

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MURATOV, P.G., kand. tekhn. nauk

Large-scale electrification is a basis for railroad transportation conversion. Elektrichestvo no.1:1-7 Ja '64. (MIRA 17:6)

1. Zamestitel' Ministra putey soobshcheniya SSSR.

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MURATOV, P.G.

Basic types of locomotives for the future. Zhel. dor. transp. 46 no.4:22-30 Ap '64. (MIRA 17:6)

1. Zamestitel' ministra putey soobshcheniya SSSR.

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

SOV/124-58-8-9429

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 8, p 146 (USSR)

AUTHOR: Muratov, R.B.

TITLE: Annular Strain-gage Pickups for the Measurement of Large-scale Deformations (Kol'tsevyye datchiki dlya izmereniya bol'shikh deformatsiy)

PERIODICAL: Tr. Rostovsk.-n/D. in-ta s.-kh. mashinostr., 1957, Nr 8, part 1, pp 303-307

ABSTRACT: Bibliographic entry

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

SOV/123-59-16-63885

Translation from: Referativnyy zhurnal, Mashinostroyeniye, 1959, Nr 16, p 36 (USSR)

AUTHOR: Muratov, R,B.

TITLE: Experimental Determination of Stresses in Elastic Couplings

PERIODICAL: Sb. statey Vses. zaochn. politekhn. in-ta, 1957, vyp. 18, pp 129-138

ABSTRACT: Laboratory tests of rubber couplings in an installation with a closed power circuit are reported. By means of wire pickups the stresses in the couplings with different parameters were measured at different values of the torque and different values of radial and angular displacement. 12 drawings.

P.V.M.

Card 1/1

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, R.B., Cand Tech Sci—(diss) "Study of [illegible] sleeves."
Kiev, 1953. 23 pp with ill (Min of Higher Education USSR. Kiev Inst
Constr Engineers Light Ch Ind), 150 copies. Glossary. [illegible].

(KL, 56-8, 111)

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SOV/123-59-15-59135

Translation from: Referativnyy zhurnal: Mashinostroyeniye; 1959, Nr 15, p 36 (USSR)

AUTHOR: Muratov, R.B.

TITLE: The Calculation of Disk Rubber Couplings

PERIODICAL: Byul. tekhn.-ekon. inform. Sovnarkhoz Rostovsk. ekon. adm. r-na, 1958, Nr 2, pp 25 - 26

ABSTRACT: The article has not been reviewed.

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AKSENT'YAN, K.B.; GLADZHEV, R.S.; MURATOV, R.B.; STROKOV, S.A.

Calculation of the strength of alternator discs. Trakt. i sel'khozmash. 31 [i.e.32] no.11:22-24 N '62. (MIRA 15:12)
(Harvesting machinery)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, R.F.

District-wide land utilization plan. Trudy MIIZ no.11:75-85 '61. (MIRA 14:9)
(Novosibirsk Province--Agricultural administration)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, R.G., kand. tekhn. nauk.

Basic engineering reconstruction of traction and tasks for locomotive workers. Zhel. dor. transp. 41 no.2:8-14 F '59.
(MIRA 12:3)

1.Nachal'nik Glavnogo upravleniya lokomotivnogo khozyaystva Ministerstva putey soobshcheniya.
(Locomotives)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, R. S. (Sverdlovsk)

"Equipment for the Reading of Normal Typographic Text by the Blind."

Theses - Conference on Machine Translations, 15-21 May 1958, Moscow.

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MURATOV, R. S.; ALEKSEYEV, O. L.; VERBUK, M. A.; MOSTHCHENIKOV, N. V.

"The System of Typhlotechnical Facilities for Schools for Blind and Weak-Sighted Persons"

1. Institute of Defectology of the Acad. of Pedagogical Sciences of the RSFSR.

To be presented at the International Congress on Technology and Blindness, New York, 18-22 June 1962.

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L 8995-66 EWT(d)/EWT(l)/ETC/EPF(n)-2/EWG(m)/EWA(m)-2 LIP(c) AT
ACC NR: AP5027263 SOURCE CODE: UR/0207/65/000/005/0003/0008

44,55 44,55

AUTHORS: Muratov, R. Z. (Moscow); Samokhin, M. V. (Moscow)

ORG: none

TITLE: Plasma oscillations with an electron beam in an external electric field

SOURCE: Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki, no. 5, 1965, 3-8

21,44,55 21,44,55

TOPIC TAGS: electron beam, unstable plasma, plasma dynamics, electric field, Poisson equation, asymptotic solution, integral equation

ABSTRACT: This work treats the problem of the penetration of an external electric field into a semi-infinite plasma with an electron beam having drift velocity so small relative to the main plasma that no instability develops. The problem is thus a generalization of that considered by L. D. Landau (O kolebaniyakh elektronnoy plazmy. Zh. Eksper. i Teor. Fiz., 1946, vol. 16, No. 7, p. 574), but may be viewed also as a boundary value problem of a weakly modulated beam interacting with a plasma. Following Landau, the problem is treated by linearization of the Vlasov-Poisson equations, from which is derived an integral equation for the linearized electric field E_1. This is solved asymptotically, and the results are compared with those of Landau. The authors are grateful to M. L. Levin for useful discussions. Orig. art. has: 1 figure and 36 formulas.

44,55

Card 1/1

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L 42141-66 EWT(1)/ETC/EPF(n)-2/EWG(m)/EPA(w)-2 IJP(c) GS/AT

ACCESSION NR: AT5007972 S/0000/64/000/000/1017/1022

AUTHOR: Veksler, V. I.; Gekker, I. R.; Gol'tsa, E. Ya.; Delone, G. A.; Kononov, E. P.; Kudryavtsova, O. V.; Lyk'yanchikov, G. S.; Rabinovich, M. S.; Savchenko, M. S.; Sarkisyan, K. A.; Sergeychev, K. V.; Silin, V. A.; Tsopp, L. E.; Levin, M. L.; Khristov, K. Z.

TITLE: Radiational acceleration of plasma

SOURCE: International Conference on High Energy Accelerators. Dubna, 1963. Trudy. Moscow, Atomizdat, 1964, 1017-1022

TOPIC TAGS: high energy accelerator, plasma acceleration, plasma waveguide

ABSTRACT: The practical realization of the radiational method of plasma acceleration (Veksler, V. I. CERN Symposium, 1956; *Atomnaya energiya* 2, 427, 1957) is connected with the utilization of a different kind of waveguide structure, within which a plasma bunch moves under acceleration by an electromagnetic field. Two such waveguide structures, differing in type of accelerating wave and in method of plasma injection, were produced recently in the Physics Institute, AN SSSR. Initial experiments showed that radiational acceleration of plasma was achieved in both of the structures. At the same time the Radiotechnical Institute, AN SSSR,

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carried out a theoretical study of the possibilities of the radiational method. The present report contains a brief exposition of all these investigations, under the two headings of: experimental results and theory of radiational acceleration. Both waveguide structures employed one and the same super high-frequency oscillator of 10 cm range which operated in the single- stage pulse regime of 8 microseconds duration; the average density of power flux through tube cross-section did not exceed $8 \cdot 10^3$ watts/cm^2, and the KSVN of the entire waveguide system (without plasma) was not worse than 1.3. The accelerating waveguides were tubes of circular cross-section with walls of noncorroding steel 1 mm thick; the vacuum in the tubes was of the order of 10^{-7} to 10^{-6} mm of mercury. The forces of the radiational pressure which act upon the plasma bunch are found by proceeding from the conservation laws. In the plane electromagnetic wave propagated in free space the density of pulse flux equals the average energy density. Orig. art. has: 7 figures, 26 formulas.

ASSOCIATION: Fizicheskiy institut imeni P. N. Lebedeva AN SSSR (Physics Institute, AN SSSR); Radiotekhnicheskiy institut AN SSSR (Radio Engineering Institute, AN SSSR)

SUBMITTED: 26May64 ENCL: 00 SUB CODE: NP,

NO REF SOV: 008 OTHER: 003

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APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, S. A., Cand Agric Sci (diss) -- [Stabilization of the hygrothermal conditions in feeding white-cocooned silkworms". Tashkent, 1960. 18 pp (State Committee on Higher and Inter Spec Educ of the Council of Ministers Uzbek SSR, Tashkent Agric Inst), 300 copies (KL, No 15, 1960, 138)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, Sergey Ivanovich; LUTTSAU, V.K., red.; LYUDSKOV, B.P., red.; EL'KINA, E.M., tekhn.red.

[Vending machines] Torgovye avtomaty. Pod red. V.K.Luttsau. Moskva, Gos.izd-vo torg.lit-ry, 1961. 358 p. (MIRA 14:4)

(Vending machines)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

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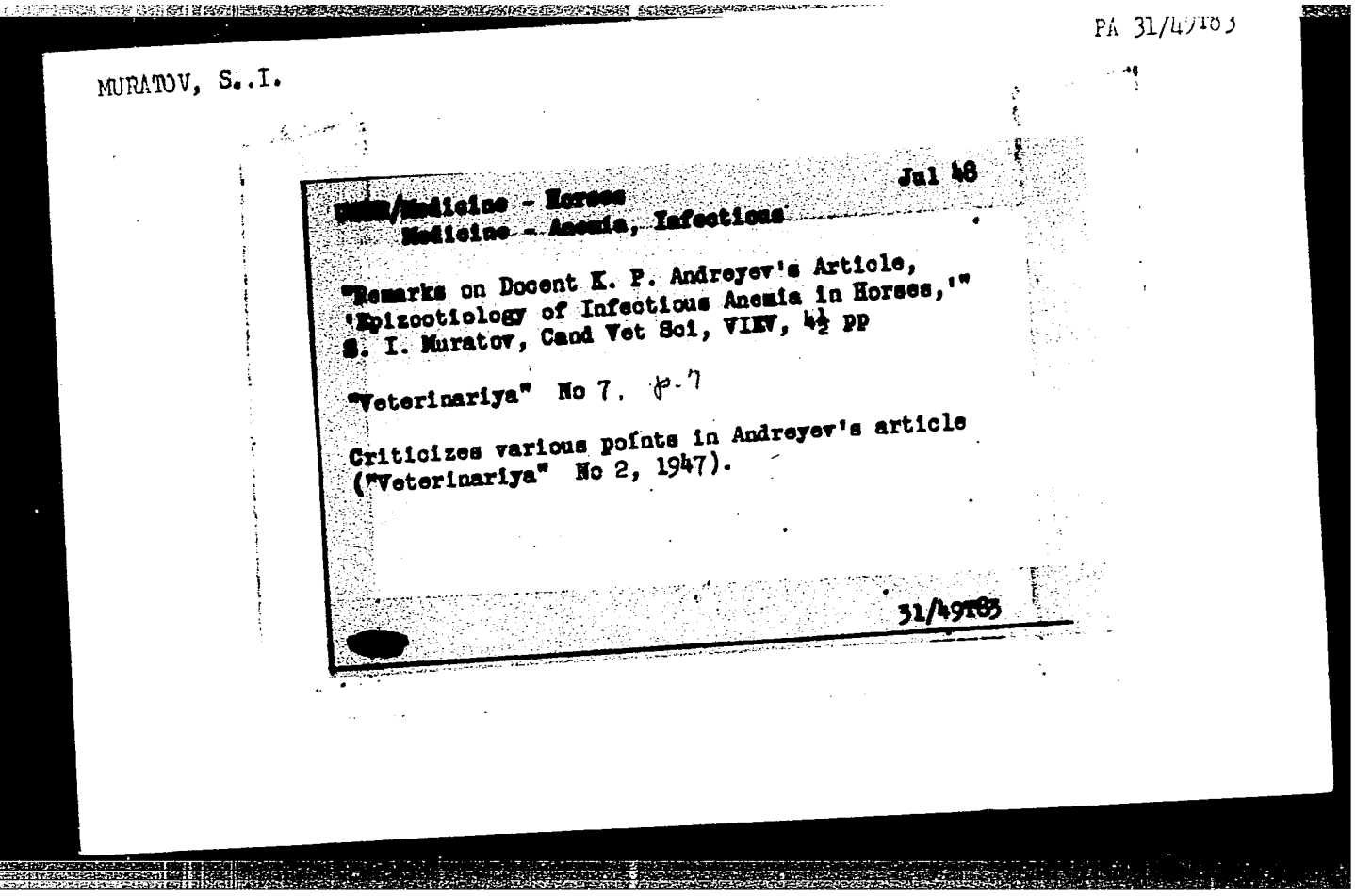

PA 31/49183

MURATOV, S..I.

USSR/Medicine - Horses Jul 48
Medicine - Anemia, Infectious

"Remarks on Docent K. P. Andreyev's Article, 'Epizootiology of Infectious Anemia in Horses,'" S. I. Muratov, Cand Vet Sci, VIEV, 4½ pp

"Veterinariya" No 7, p. 7

Criticizes various points in Andreyev's article ("Veterinariya" No 2, 1947).

31/49183

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

USSR/Medicine - Veterinary, Brucellosis Sep 53

"Ring Reaction for Diagnosis of Brucellosis in Cattle," Cand Vet Sci S. I. Muratov, Sr Sci Assoc P. M. Bazhenov, Voronezh Sci-Res Vet Exptl Sta (NIVOS)

Veterinariya, Vol 30, No 9, pp 14-19

Specificity of the ring reaction test in diagnosing brucellosis was demonstrated by expts on a large number of cattle. The ring reaction method of examination of milk with stained antigen that was developed by the Leningrad Sci-Res Vet Inst (NIVI) has been used. This method of examination is simple and universally accessible and, therefore, can be recommended for wide utilization in conjunction with agglutination and complement fixation reactions.

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MURATOV, S. I.

S. I. Muratov, Diagnostika infektsionnoy anemii loshadey (Diagnosis of Equine Contagious Anemia), Sel'khozgiz, 7.5 sheets, 1954 - 88 p

The author presents the principles of epizootic, clinical, hematological, and pathological anatomy, and histological diagnosis of contagious anemia.

The booklet is an aid for veterinary workers.

SO: U-6472, 18 Nov 1954

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, S.I., kand.veterinarnykh nauk, dotsent

Smallpox outbreaks in cows. Veterinariia 37 no.8:25 Ag '60. (MIRA 15:4)

1. L'vovskiy zooveterinarnyy institut.
(Volyn' Province—Smallpox in animals)
(Cows—Diseases and pests)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

DORONIN, N.N., prof.; MURATOV, S.I., dotsent; KORZH, B.A., dotsent; GEVKAN, I.I., kand. veter. nauk; KARABIN, Ye.V., assistent

Studying tuberculosis in cattle infected with the pathogen of the avian type. Veterinariia 42 no.11:34-35 N '65. (MIRA 19:1)

1. L'vovskiy zootekhnicheskо-veterinarnyy institut.

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, Sh.Kh.

Seasonal electrocardiogram indicators of Karakul lambs. Dokl. AN Uz. SSR no.5:49-52 '57. (MIRA 11:5)

1.Institut zoologii i parazitologii AN UzSSR. Predstavleno akad. AN UzSSR Ye.P. Korovinym.
(Karakul sheep)
(Electrocardiography)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

Q-3

USSR / Farm Animals. Small Horned Stock.

Abs Jour: Ref Zhur-Biol., No 12, 1958, 54781.

Author : Muratov Sh. Kh.
Inst : Not given.
Title : Electrocardiographic Studies on Gray Karakul Lambs in Connection With Their Low Viability.

Orig Pub: Izv. Otd. yestestv. nauk. AN TadzhSSR, 1957, No 22, 85-91.

Abstract: Experiments were conducted on three groups of lambs (9 heads in each): black, normal grey and albinoid grey. The cardiac activity was studied by the electrocardiographic method at 1½ months (spring), 5 months (summer), and 7 months of age (fall). At 1½ months of age the cardiac rhythm in albinoids had lesser (an average of 114.2) frequency than that in the black lambs (150.8

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

LUPICHEV, Nikolay Pavlovich; MURATOV, S.M., retsenzent; ARISTOV, Yu.K., red.; FEDYAYEVA, N.A., red. izd-va; POKHLEBKINA, M.I., tekhn. red.

[Use of inert gases in transporting petroleum products] Primenenie inertnykh gazov pri transportirovke nefteproduktov. Moskva, Izd-vo "Rechnoi transport," 1961. 62 p. (MIRA 14:11)
(Tank vessels) (Gases, Rare)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

DONSKOY, A.V.; ZHERDEV, I.T.; ZOTOV, V.P.; MURATOV, S.M.; NOVIKOV, O.Ya.; OKOROKOV, N.V.; PATON, B.Ye.; SISOYAN, G.A.; SVENCHANSKIY, A.D.

Stepan Ivanovich Tel'nyi; obituary. Elektrichestvo no.1:93 Ja '63. (MIRA 16:2)
(Tel'nyi, Stepan Ivanovich, 1890-1962)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MIRZOV, S. N.

"The External Secretory Function of the Pancreas after a Subdiaphragmatic Vagotomy and Resection of the Cardiac Portion of the Stomach." Cand Med Sci, Tomsk Medical Inst, Tomsk 1/54. (RZhBiol, no 3, Feb 55)

SO: Sum. No. 631, 26 Aug 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions. (1h)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

USSR/Human and Animal Physiology (Normal and Pathological). T-7
Digestion.

Abs Jour : Ref Zhur - Biol., No 11, 1958, 50897

Author : Muratov, S.N.

Inst : The Tomsk University Institute of Medicine.

Title : The Methods of Obtaining Dogs with Pancreatic Fistulas.

Orig Pub : 5-y Pavlovsk sb. Tomskiy med. in-t, Tomsk, Un-t, 1956, 29-32.

Abstract : No abstract.

Card 1/1

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, S.N.

Study of local biochemical processes at the site of a novocaine block [with summary in English]. Eksper.khir. 3 no.2:45-49 Mr-Ap '58. (MIRA 11:4)

1. Iz kafedry gospital'noy khirurgii (zav.-prof. G.D.Obraztsov) Chelyabinskogo meditsinskogo instituta.

(PROCAINE, eff.
on tissue biochem. & metab. at site of procaine block (Rus)
(ANESTHESIA, REGIONAL, eff.
procaine nerve block on tissue biochem. & metab. at site of block (Rus)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, S.N.

Practical utilization of new data on the local effect of a novocaine block. Eksp.khir. 4 no.2:3-9 Mr-Ap '59.
(MIRA 12:5)

1. Iz kafedry gospital'noy khirurgii (zav. - prof. G.D.Obraztsov) Chelyabinskogo meditsinskogo instituta.

(ANESTHESIA, REGIONAL, eff.
procaine block, local reaction & practical application (Rus))
(PROCAINE, effects,
nerve block, local reaction & practical application (Rus))

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, S.N. (Chelyabinsk)

Change in the trophicity of tissues under the influence of a novocaine block. Report No.2: Study of the permeability of tissues by means of radioactive isotopes in the area of the local action of a novocaine block. Eksper. khir. 4 no.6:48-49 N-D '59. (MIRA 14:6)
(NOVOCAINE) (TISSUES--PERMEABILITY)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, S.M., kand. med. nauk.

Method of prolonging the action of a therapeutic concentration of penicillin. Sovet. med. 23 no.2:117-121 F '59. (MIRA 12:3)

1. Iz kafedry gospital'noy khirurgii (zav. - prof. G. D. Obraztsov) Chelyabinskogo meditsinskogo instituta.

(PENICILLIN, ther. use
procaine block: value in prolongation of action (Rus))
(ANESTHESIA, REGIONAL
procaine block, value in prolongation of penicillin action (Rus))

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2"

"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, S.N. (Chelyabinsk)

On the problem of neural regulation of tissue permeability. Arkh. pat. 22 no.5:18-21 '60. (MIRA 13:9)

1. Iz kafedry gospital'noy khirurgii (zav. - prof. G.D.Obraztsov) Chelyabinskogo meditsinskogo instituta.
(TISSUES--PERMEABILITY)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, S.N., kand.meditsinskikh nauk

Prolongation of the effect of analegesics in surgical practice. Report No. 2. Sov.med. 25 no.8:98-101 Ag '60. (MIRA 13:9)

1. Is kafedry gospital'noy khirurgii (zav. - prof. G.D. Obraztsov) Chelyabinskogo meditsinskogo instituta.
(NOVOCAINE) (MORPHINE)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, S.N., kand.med.nauk

Case of Barre-Masson disease. Khirurgiia 37 no.5:120 My '61.
(MIRA 14:5)

1. Iz kafedry gospital'noy khirurgii (zav. - prof. G.D. Obraztsov) Chelyabinskogo meditsinskogo instituta.
(BLOOD VESSELS--TUMORS)

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, S.N. (Kemerovo 1, ul.40 let Oktyabrya, d.3,kv.49)

Use of local additional anesthesia in injuries of the bone apparatus and soft tissues. Ortop., travm. i protez. 26 no.5: 37-40 My '65. (MIRA 18:10)

1. Iz kliniki obshchey khirurgii (zav. - dotsent S.N. Muratov) Kemerovskogo meditsinskogo instituta (rektor - dotsent V.Yu. Pervushin).

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

MURATOV, T.S.; SYSOYEV, F.A.

Some remarks on the composition of metallogenic forecasting maps for silicate nickel in the territory under the Ural Geological Administration. Kora vyvetr. no.6:289-295 '63. (MIRA 17:9)

1. Ural'skoye geologicheskoye upravleniye, Sverdlovsk.

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"APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001135620001-2

DOBROTINA, Z.A., kand. tekhn. nauk; MURATOV, V.A., inzh.; NOSOVSKIY, B.I., inzh.; FIL'CHAKOV, A.A., inzh.

Growth and heat resistance of deposited cast iron. Svar. proizv. no.5:13-14 My '64. (MIRA 18:11)

1. Zhdanovskiy metallurgicheskiy institut (for Nosovskiy).
2. Zhdanovskiy zavod tyazhelogo mashinostroyeniya (for Fil'chakov).

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